the trips it generates are from 95% to 105% of the ground counts on the screenlines. Table 9 compares the ground counts with the model traffic volumes on the screenlines.

The final check for the model is to match the traffic volumes on the links in the model with the ADT at the same locations. The 'link counts' can be used to find particular places in the network where there are problems. Comparing the link counts with the ground counts for those links did not reveal any significant problems with the model.

Table 9

Actual vs. Model Screenline Total

Screenline	Ground Count	Model Volume	Percent
A NS	12,500	12,566	1.01
B EW	5,400	5,162	0.96

Data Projections to the Design Year

In order to make use of the model the base year data must be modified to reflect assumed conditions in the design year. These projections and the previously developed regression equations were used to produce trip productions and attractions in the same manner as the base year.

Dwelling Unit Projections

Future dwelling units were determined by extending person per dwelling unit trends for Avery County linearly to the design year. The Statewide Planning Branch projected residential growth and with the help of the Planning Board distributed these houses throughout the planning area. Figure 13 compares the classification of dwelling units in 2000 with the assumed classification in 2025.

Employment Projections

The Statewide Planning Branch and the Planning Board also projected and distributed the 2025 employment to the zones they anticipated employment growth. Those projections were added to the 2000 data. Employment projections throughout the planning area indicated steady growth. Figure 14 compares the classification of employment data in 2000 with the assumed classification in 2025.

External and Through Trips

For the design year, external and through trip were projected from the base year using a linear projection of the past growth rate at each external station. Cordon station data can be found in Table 13.